

Figure 1a

MDSEAFQSARDFLDMNFQSLAMKHMDSLQMQELDTAAAKVDELTKQLESWSDSPAPPGPQAGP  
PSRPPRYSRSSSIPEFGSRGSPRKAATDGADTPFGRSESAPLHYPSPLSPKGRSSPRTPLYLQPDAY  
GSLDRATSPRPRAFDGAGSSLGRAPSPPGPGPLRQQGPPTFDFLGRAGSPRGSPLAEGPQAFFPE  
RGPSRPPATAYDAPASAEGSSLLGSGGSAFAPPLRAQDDTLRRLRPPKAWNESLDLVAYEKKPSQ  
TASYERLDVFARPAСПSLQLLPWRESSLDGLGGTGDNLTSATLPRNYKVSPLASDRRSDAGSYRR  
SLGSAGPSGTLPRSWQPVSRIPMPPSSPQPRGAPRQRPIPLSMIFKLQNAFWEHGASRAMLPGSPLF  
TRAPPKLQPQPQPQSQPQQLPPQPQTQPTPTPAQHPQQTWPPVNEGPPKPPTELEPEPEI  
EGLLTPVLEAGDVEGPVARPLSPTRLQPALPPEAQSVPELEEVARVLAEIPRPLKRRGSMEQAPA  
VALPPTHKKQYQOIIISRLFHRHGGPGPGPEPELSPITEGESEARAGPPAPAPPAPIPPPAPSQSSPPEQ  
PQSMEMRSLRKAGSPRKARRARLNPLVLLDAALTGELEVQQAVKEMNDPSQPNEEGITALH  
NAICGANYSIVDFLITAGANVNSPDSDHGWTPLHCAASCNDTVICMALVQHGAIAFATTLSDGATAF  
EKCDPYREGYADCATYLADVEQSMGLMNSGAVYALWDYSAEFGDELSFREGESVTVLRRDGPEE  
TDWWWAALHGOEGYVPRNYFGLFPRVKPORSKV\*

Figure 1b

CCACCGCTCCGGGAAGCCCCCAGGTGCCAGGATCTGCCGGATCCCGCCTCGGCCGG  
CACCATGGACAGCAGGGATTCCAGAGCGCCGGACTTCTGGACATGAACCTTCAGTCGT  
GGCCATGAAACACATGGATCTGAAGCAGATGGAGCTGGACACGGCGGGCCAAGGTGGATG  
AACTGACCAAGCAGCTGGAGTCGCTGTGGTCAGACTCTCCCGCCCTCCCTGGCCCCCAGGCCG  
GACCCCCCTCTAGGCCGCCCCGGTACAGCTCCAGCTCGATCCCTGAGCCCCCTCGGAGGCCGAG  
GGTCCCCCGGAAGGCCGACCGACGGCGAGACACCCCGTCTGGACGATCAGAGAGTGC  
CCAACCCCTACACCCCTACAGCCCCTGTCCCCAAGGGACGCCGTCGCGCCGACCCCC  
CTCTACCTGCAGCCGGACGCCCTACGGCAGCCCTGGACCCGCCGACCTGCCCGGCCG  
TTCGATGGCGAGGCAGCTCCCTCGGCCGTGCGCCCTCCCCGCCGGGGCCAGGGCCGCT  
CGCCAGCAGGGTCCCCCACGCCCTTCGACTCCTGGGCCGCGAGGCTCCCCCGCGGAG  
CCCCCTGGCGGAGGGGCCAGGCCCTCTCCCCAGCGTGGGCCGTACCGGCCGCCCCCTG  
ACAGCCTACGACGCCAGCGTCCGCCCTCGGGAGCTCCCTGCTAGGCTCCGCCAGCG  
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CTGGACGTCTCGCAAGGCCCTGCCGAGCCTGAGCTGTTGCCCTGGAGGGAGAGCAG  
CCTGGATGGACTGGGGGACCGGAAGGACAACCTACTAGGCCACCCCTGCCGCCAATT  
ACAAGGTCTCTCTGGCCAGCGACCCGGCGTCAAGACGCCGGAGCTACCGCGCTCGCTGG  
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CCCCCTCCAGCCCCAGCCCCCGCGGGGCCGCCAGCGTCCCATCCCCCTAGCATGATCT  
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TCTTCACCCGAGCACCCCCGCCCTAAGCTGAGCCCCAACACAACCAGCCCCAGCCACAAT  
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CCCAGCATCCCCAACAGACATGGCCCCCTGTGAACGAAGGACCCCCAAACCCCCCAGCG  
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CACCAGCTCCCATCCACCCCCGGCCCCGTCCAGAGCAGCCACCAAGAGCAGCCAGAGC  
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CAACCCCTCTGGTGTCTCCCTGGACGCCGCTGACCCGGAGCTGGAGGTGGTGAGCAGCAG  
CGGTGAAGGAGATGAACGACCCGAGCCAGCCAACGAGGAGGGCATCACTGCCCTGCAAC  
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GGCCGGAGGAGACCGACTGGTGGTGGGCCGCGTGCACGGCCAGGAGGGCTACGTGCCGCG  
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GAGGTTCTGAGGCTGACAGAAACAAGCATTCTGCCTCCCTCCAGACCTCTCCCTCTGTTT  
TTGCTGCCCTTATCTGCACCCCTCACCCCTGCTGGTGGTCCCTGCCACCGTTCTGTCTC  
CTGGAAGTCCAGGGAAAGAAGGAGGGCCCCAGCCTAAATTAGTAATCTGCCCTAGCCTGGG  
AGGTCTGGGAAGGGCTGAAATCACTGGGACAGGAAACCACCTCCTTTGCCAAATCAGAT  
CCCGTCCAAAGTGCCTCCCATGCCTACCACCATCATCACATCCCCCAGCAAGCCAGCCACCTG  
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ATCTCTCCCAGCAGTCTGGGCTGGGAAACATTGGTCTTACCAAGGATCCCTGCC  
ACCTCTCCCCAATTAAGTGCCTCACACAGCTCTGGTTAATGTTATAAACAAAATAGAGAA  
ACTTTCTTATAAATAAAGTAGTTGCACAGAAAAAAAAAAAAAA

Figure 2a

MWMKDPVARPLSPTRLQPALPPEAQSVPELEEVARVLAIEIPRPLKRRGSMEQAPAVA  
 LPPTHKKQYQQIISRLFHRHGGPGGGRSQSCPSSLRDLRPGQGPLLPHQLPFHRPAP  
 SQSSPPEQPQSMEMRSVLRKAGSPRKARRARLNPLVLLDAALTGELEVQQAVKE  
 MNDSQPNEEGITALHNAICGANYSIVDFLITAGANVNSPDSHGWTPLHCAASCNDT  
 VICMALVQHGAAIFATTLSDGATAFEKCDPYREGYADCATYLADEQSMGLMNSGA  
 VYALWDYSAEFGDELSFREGESVTLRRDGPEETDWWWAALHGQEYVPRNYFGL  
 FPRVVKPQRSKV

Figure 2b

GGGGCCGCGTCGACCCGGCGTTCAGACGCGGGCAGCTACCGCGCTCGCTGGGTCCGCGGGGCCGTC  
 GGGCACTTGTCTCGCAGCTGGCAGCCGTCAGCCGATCCCATGCCCTCCAGCCCCAGCCCC  
 GCAGGGGCCCGCGCCAGCGTCCCATCCCCCTCAGCATGATCTCAAGCTGAGAACGCTTCTGGGA  
 GCACGGGCCAGCCGCG CCATGCTCCCTGGGCCCCCTTCACCCGAGCAGCCCCGCCATAAGCTG  
 CAGCCCCAACACAAACCACAGCCCCAGCCACAATACAACACAGCCCCAGCTGCCAACAGCCCC  
 AGACCCAACCCAAACCCCTACCCCAGCCTCCCACATCCGATCCCCAACAGACATGGCCCCCTGTG  
 AACGAAGGACCCCCAAACCCCCACCGAGCTGGAGCCTGAGCCGGAGATAAGGGGCTGCTGACA  
 CCAGTGTGGAGGCTGGCATGTGGATGAAGGACCCCTGAGCAAGGCCTCTCAGCCCCACGAGGCTG  
 CAGCCAGCACTGCCACCGGAGGCACAGTCGGTCCCCGAGCTGGAGGAGGTGGCACGGGTGTTGGCG  
 GAAATTCCCCGGCCCCCTCAAACGCAAGGGCTCCATGGAGCAGGCCCTGCTGTGGCCCTGCCCTA  
 CCCACAAGAAACAGTACCAAGCAGATCATCAGCCGCTTCCATCGTATGGGGGCCAGGGCCCG  
 GGGCGGAGCCAGAGCTGTCCCCCATCACTGAGGGATCTGAGGCCAGGGCAGGGCCCCCTGCTCTG  
 CCCCCAC CAGCTCCCATCCACCGCCCGCCCCGTCCCAGAGCAGCCCACCAAGCAGCCGAGAC  
 ATGGAGATGCGCTCTGTGTCGGAAAGGCGGCTCCCCCGCAGGCCCGCCGCGCCCTCAACC  
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 CCAACTACTCTATCGTGGATTCTCATCACCGCGGGTCCAATGTCAACTCCCCGACAGCCACGGC  
 TGGACACCTTGCACTGCGCGCGTGTGCAACGACACAGTCATCTGCATGGCGCTGGTGCAGCACG  
 GCGCTG CAATCTTCGC CACCAACGCTC AGCGACGGCG CCACCGCCTTCGAGAAGTGCAGCCCTTACC  
 GCGAGGGTTATGCTGACTGCGCCACTACCTGGCAGACGGTCGAGCAGAGTATGGGCTGATGAACA  
 GCGGGGAGTGTACGCTCTGGGACTACAGCGCCGAGTTGGGACAGCTGTCCCTCGCGAGGG  
 CGAGTCGGTACCGTGTGCGGAGGGACGGCCGGAGGAGACCGACTGGTGGTGGGCCGCGCTGCA  
 CGGCCAGGAGGGCTACGTGCCGCGGAACTACTTCGGGCTGTTCCCCAGGGTGAAGCCTCAAAGGAGT  
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 TTAGCCTTGGGAGGGCTGGGAAGGGCTGGAAATCACTGGGACAGGAAACCACTTCCTTTGCCAAA  
 TCAGAT CCCGTCCAAA GTGCCCTCCCA TGCCCTACAC CATCATACA TCCCCCAGCAAGCCAGCCAC  
 CTGCCAGCCGGGCTGGGATGGGCCACACACCACTGGATATCCCTGGAGTCAGTGCACACCA  
 TCTCTCCAGCAGTCTGGGCTGGGAAACATTGGTCTCTACCAAGGATCCCTGCCACCTCT  
 CCCCCA ATTAAGTGCCTTCACACAGC ACTGGTTAATGTTATAAA CAAAATAGAG AACTGGTTT  
 AATGTTATA AAAAAAATAG AGAAAATTCGCTTATAAA AAAAGTAGTT TGACACAGAAA  
 TGAAAAAAA AAAAAAAA AAAAAA

Figure 3.1

IASPP RAI RAI 2.6 kb corr. translation

10 20 30 40 50 60 70

IASPP RAI RAI 2.6 kb corr. translation

80 90 100 110 120 130 140

IASPP RAI RAI 2.6 kb corr. translation

150 160 170 180 190 200 210

IASPP RAI RAI 2.6 kb corr. translation

220 230 240 250 260 270 280

IASPP RAI RAI 2.6 kb corr. translation

290 300 310 320 330 340 350

IASPP RAI RAI 2.6 kb corr. translation

360 370 380 390 400 410 420

IASPP RAI RAI 2.6 kb corr. translation

430 440 450 460 470 480 490

IASPP RAI RAI 2.6 kb corr. translation

500 510 520 530 540 550 560

IASPP RAI RAI 2.6 kb corr. translation

Peptide antigen (pAbiASPP18)

570 580 590 600 610 620 630

IASPP RAI RAI 2.6 kb corr. translation

640 650 660 670 680 690 700

IASPP RAI RAI 2.6 kb corr. translation

710 720 730 740 750 760 770

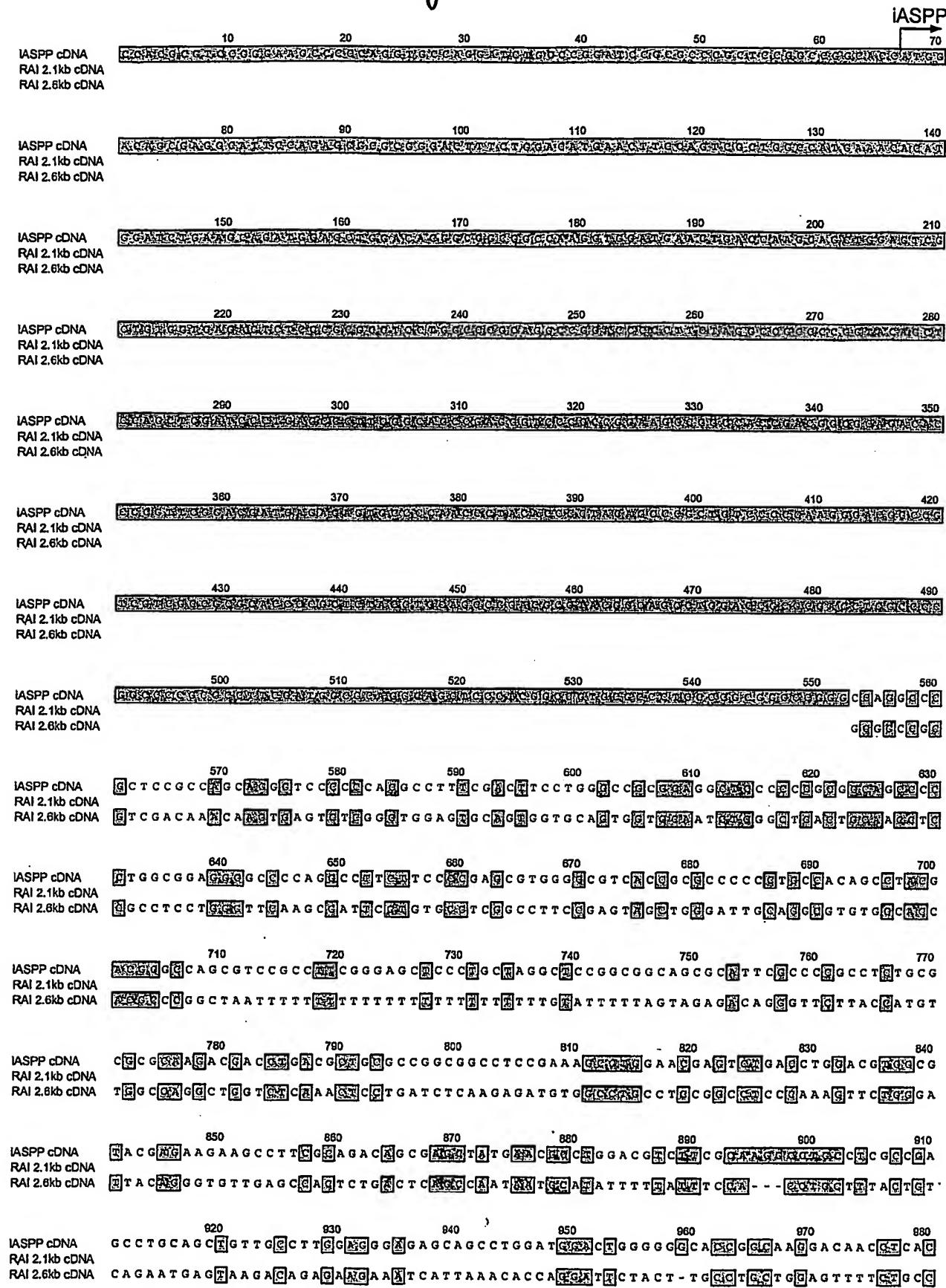
IASPP RAI RAI 2.6 kb corr. translation

780 790 800 810 820 830 840

IASPP RAI RAI 2.6 kb corr. translation

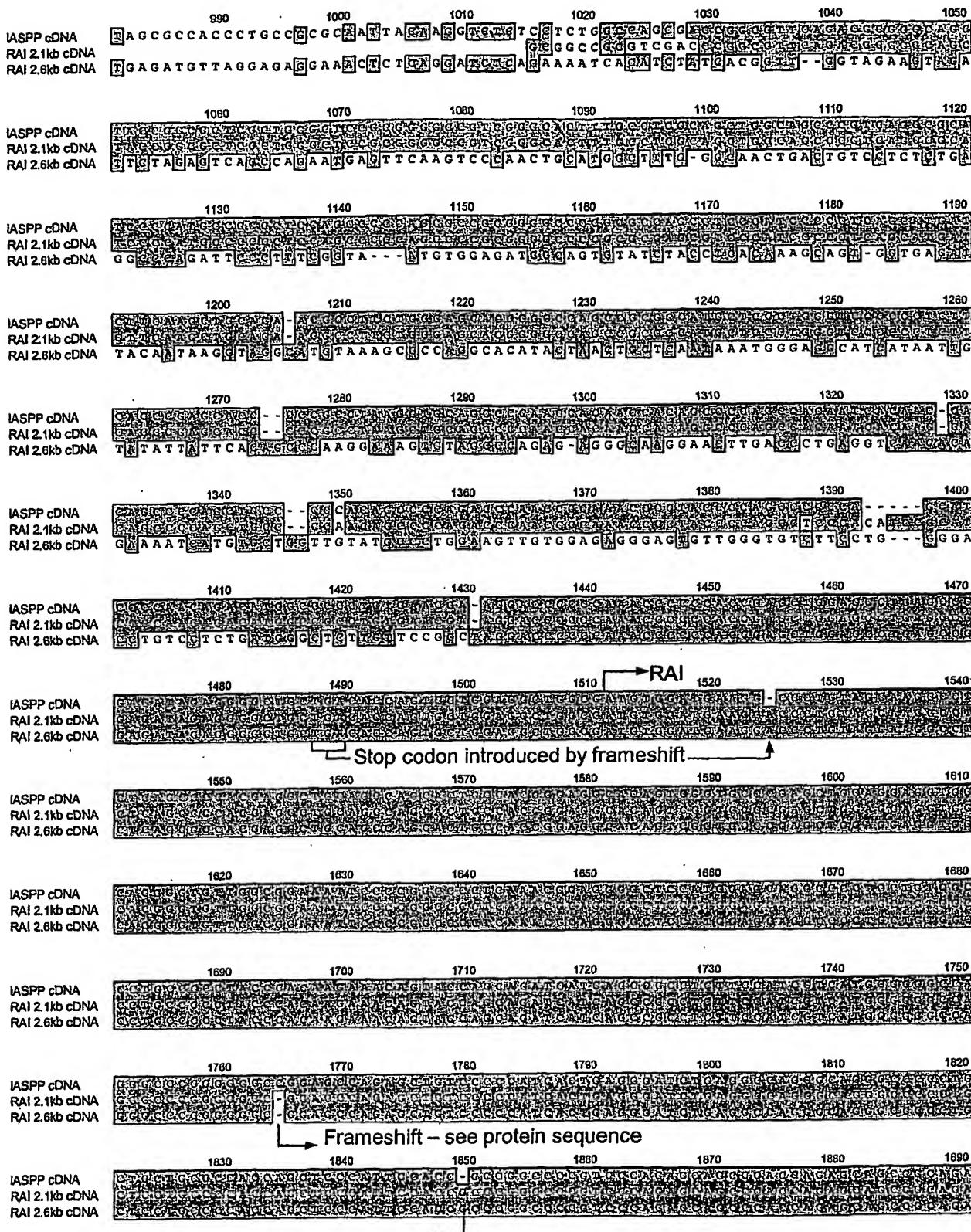
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Figure 3.2



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Figure 3.3

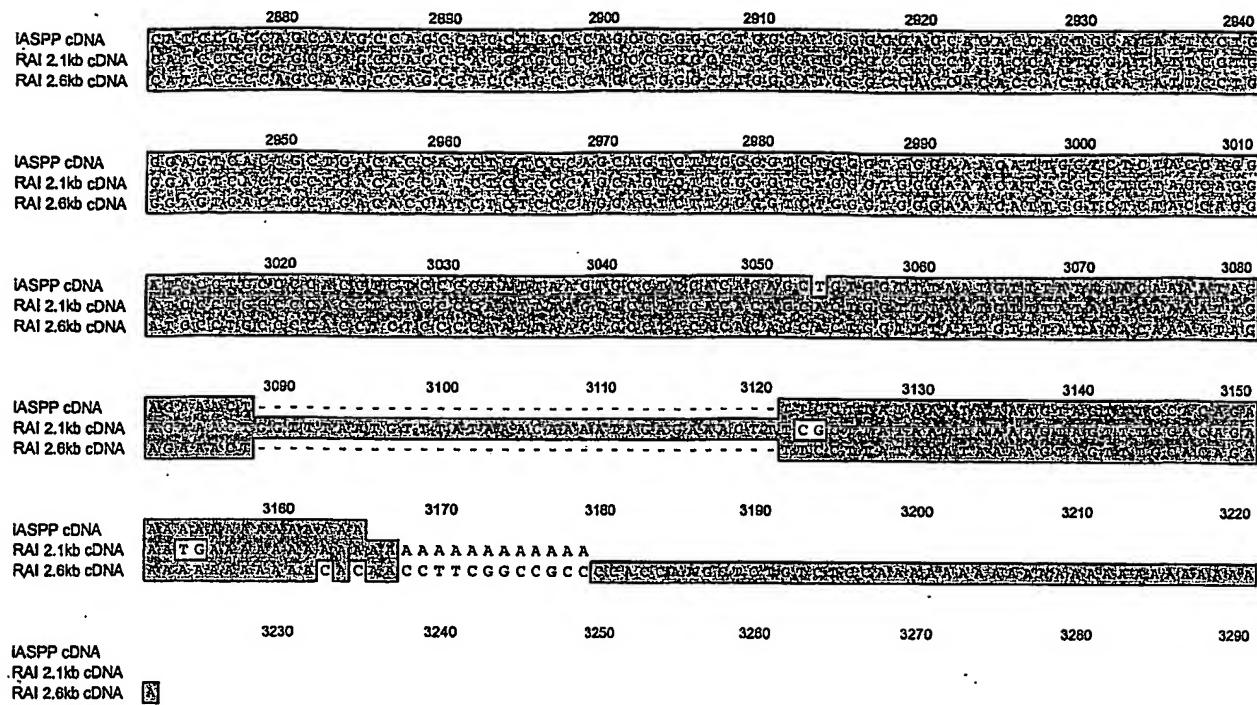


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Figure 3.4

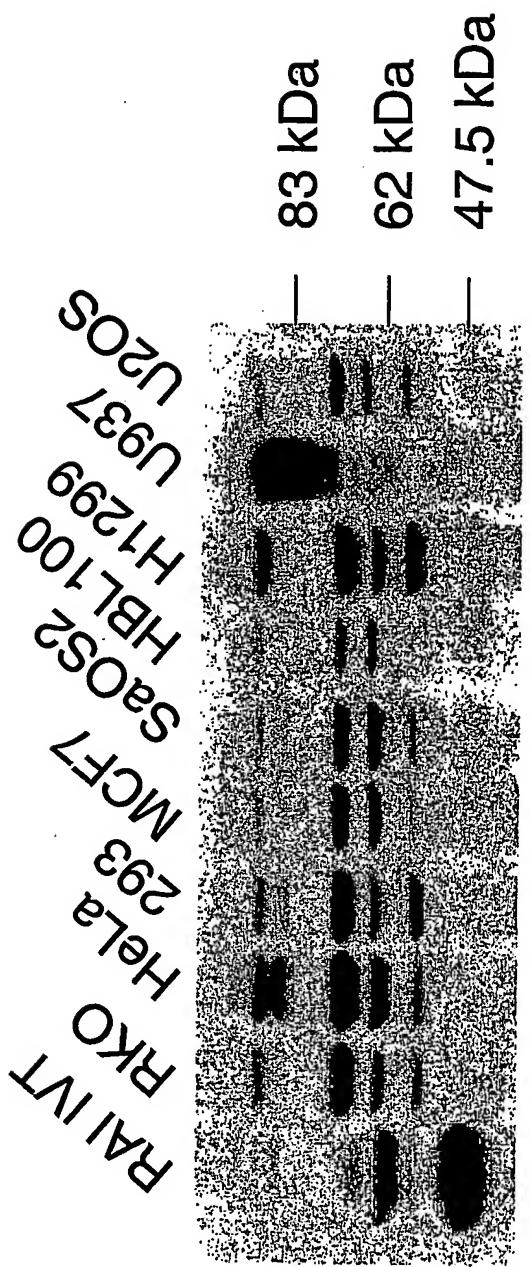
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Figure 3.5



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## Expression of iASPP in various cell lines



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Figure 4B

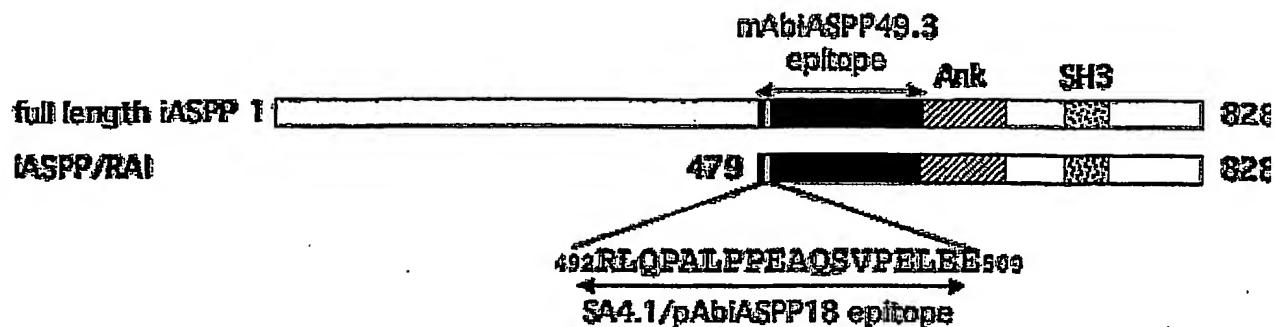


Figure 4C

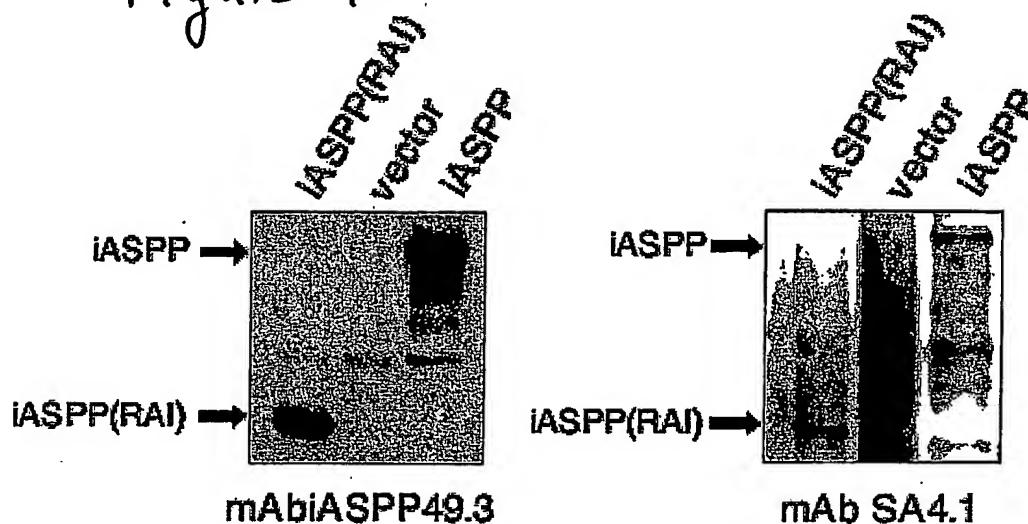
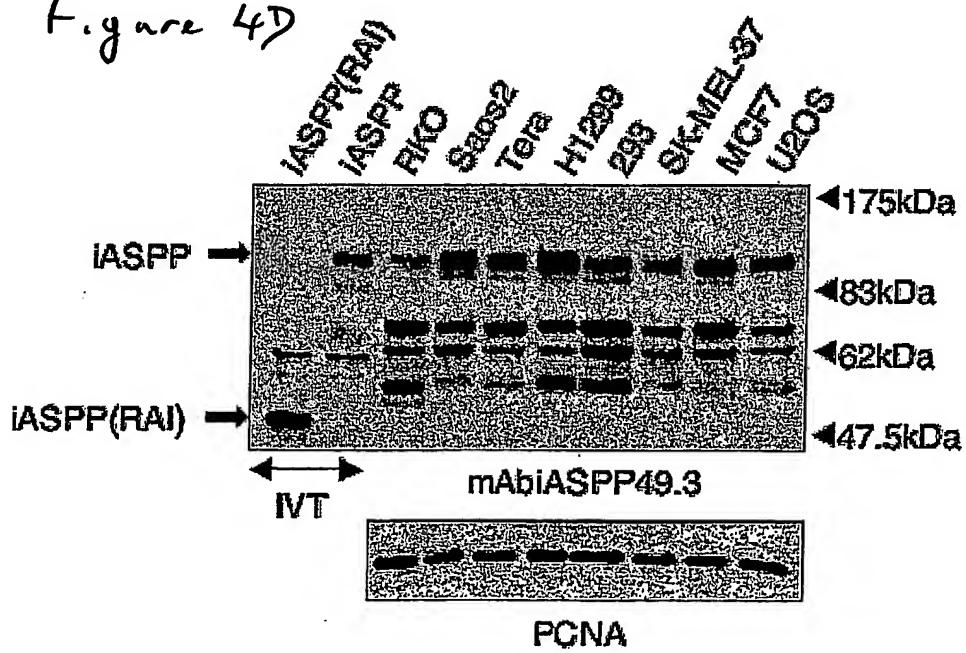
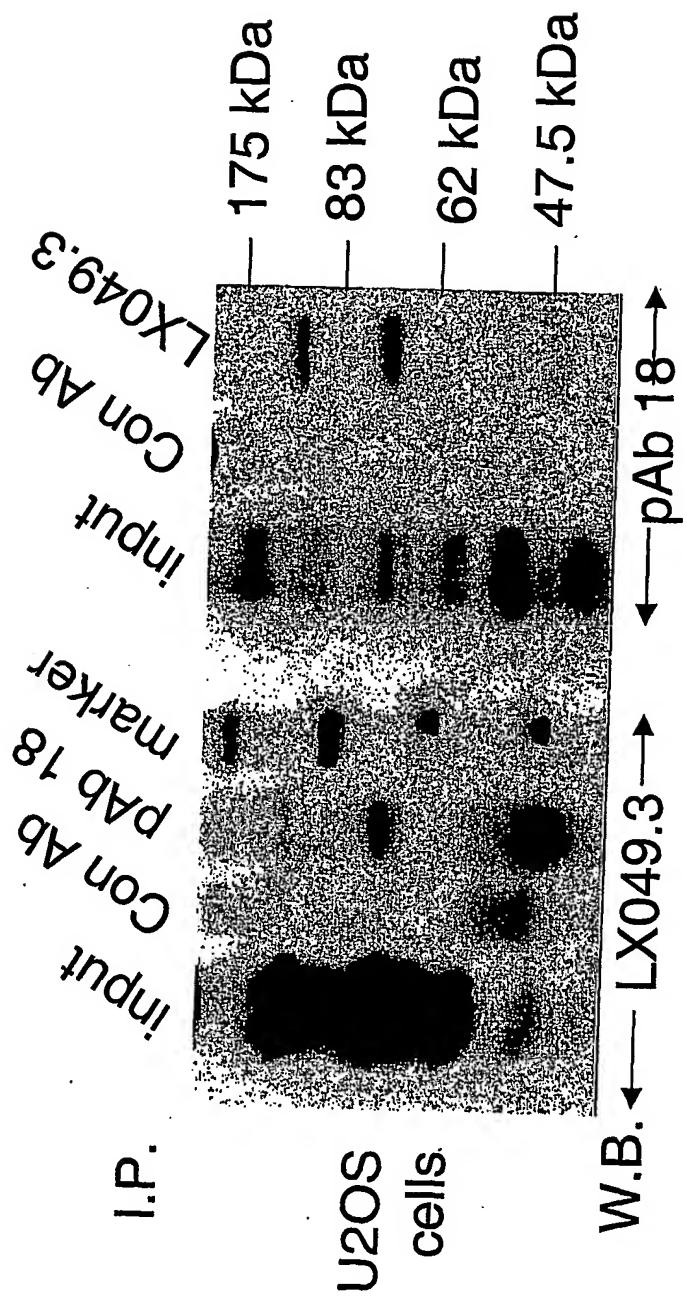


Figure 4D



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## iASPP - I.P./Western blot



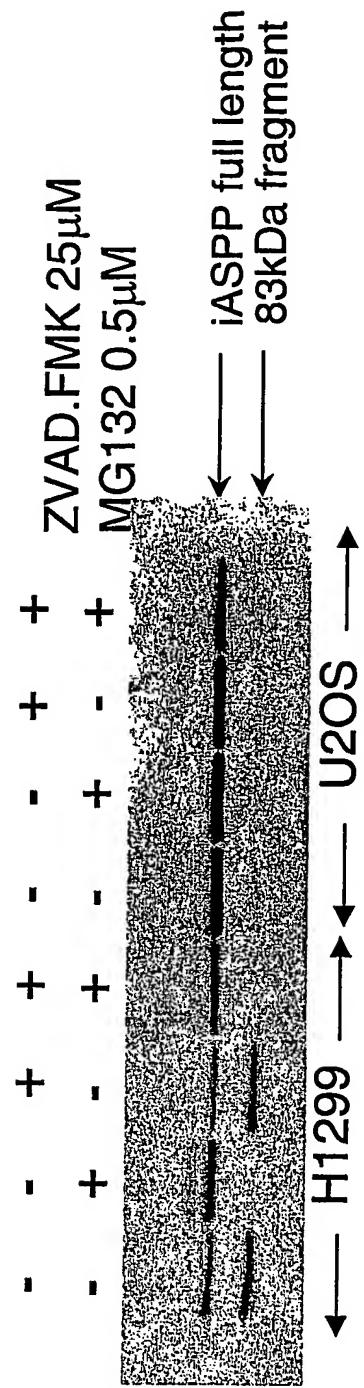
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Effect of cell density and MG132 upon iASPP  
expression in U2OS cells



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## Effect of MG132, Z-VAD.FMK upon iASPP



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# Interaction of iASPP with p53 and Bcl2 in U2OS cells

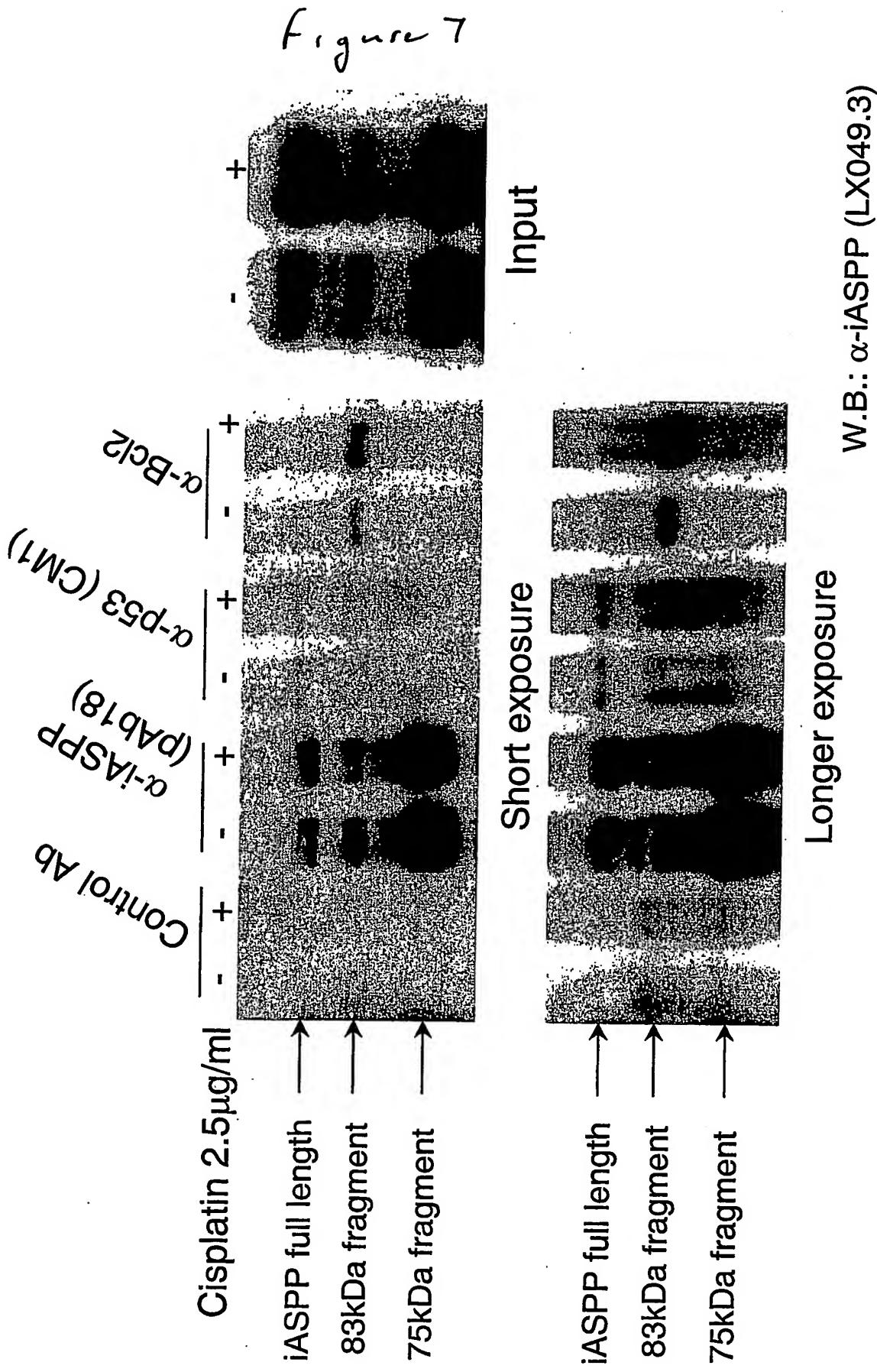
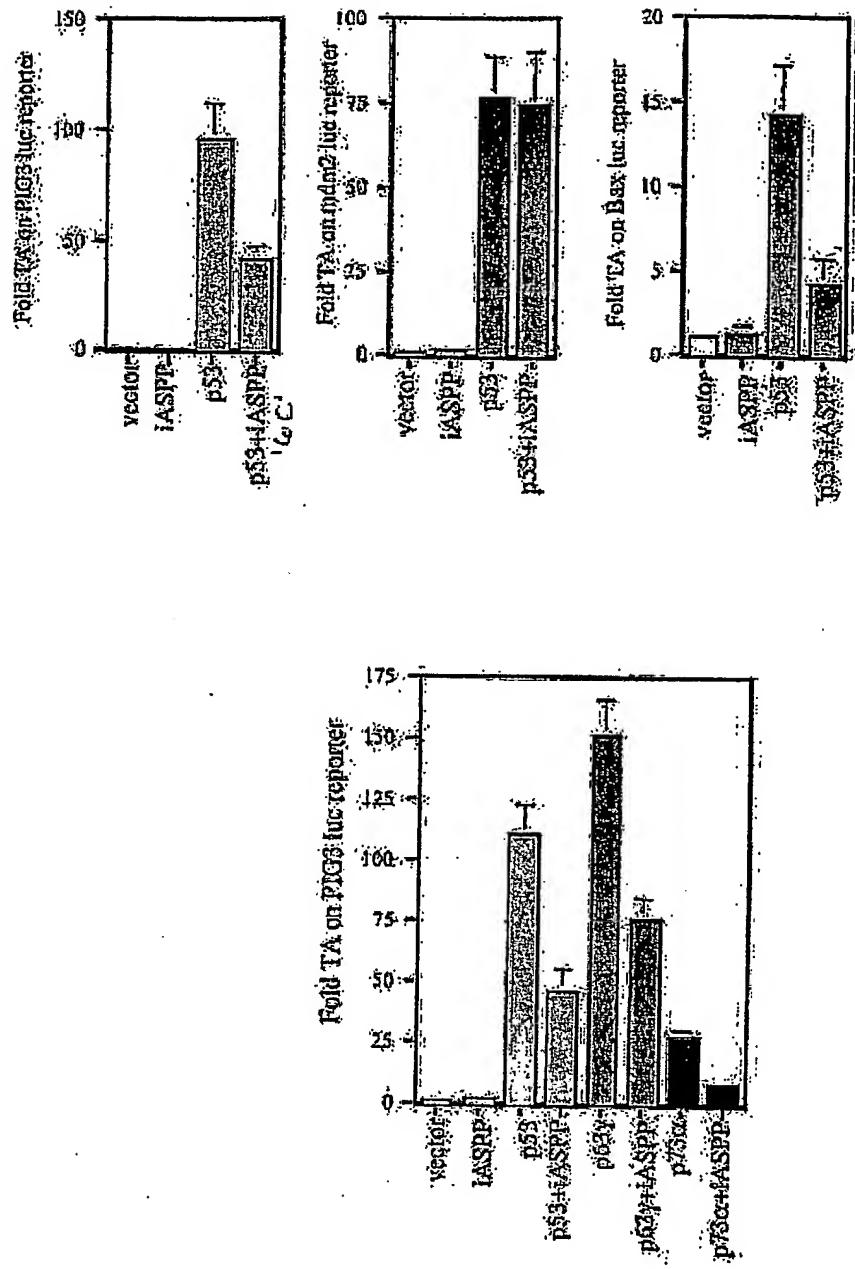
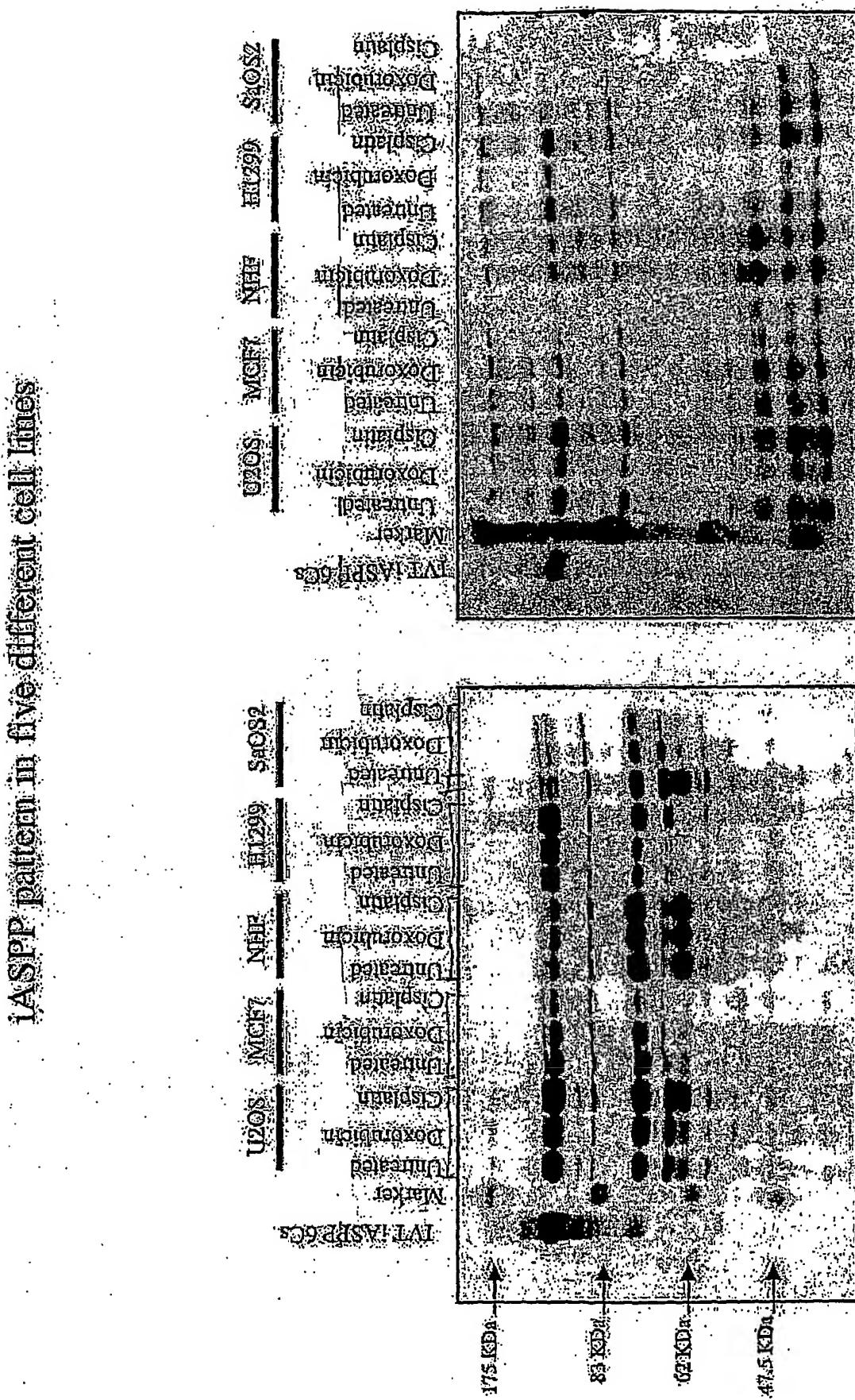


Figure 8



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Figure 9



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